

Why Interoperability Land™?

- Safely design, develop and test healthcare apps and services with no risk of disclosing protected health information with reusable personas spanning the network like real patients' interactions
- Demonstrate apps and services in an engaging and meaningful way to reveal interoperability between systems
- Rigorously test and certify that applications meet standards, performance and scalability requirements
- Collaborate with other organizations to develop and test interoperable, standards-compliant solutions
- Host collaborative events to promote learning and standards-based technology adoption
- Deliver higher quality applications and services faster to market

Product overview w/business challenges addressed

Interoperability Land is an innovative shared digital space that allows advanced interoperability testing and development across different organizations and systems. This realistic synthetic ecosystem allows healthcare organizations to:

- Safely design, develop and test healthcare applications
- Apply standards-based SMART on FHIR® with cyber security services
- Link multiple test environments within Interoperability platform

Product features

Leverage Highly Realistic Synthetic Data

Interoperability Land is populated with multiple servers filled with realistic synthetic healthcare data to emulate a real ecosystem

- Each server is a representation of a real healthcare entity, such as pharmacies, payers, providers, HIN and EHRs
- Data within each server represents realistic healthcare entity data such as Medicare, Medicaid, Hospitals, and more
- All synthetic data is FHIR® compliant, choose between DSTU2, STU3 or R4

Improve Interoperability Testing

Enable a private standards-based sandbox to test your organization's current environment, or introduce a change

- Fast, easy set-up of sandbox allows for instant testing
- Gain access to private sandbox with control over permission levels
- Invite vendors to test solutions within sandbox

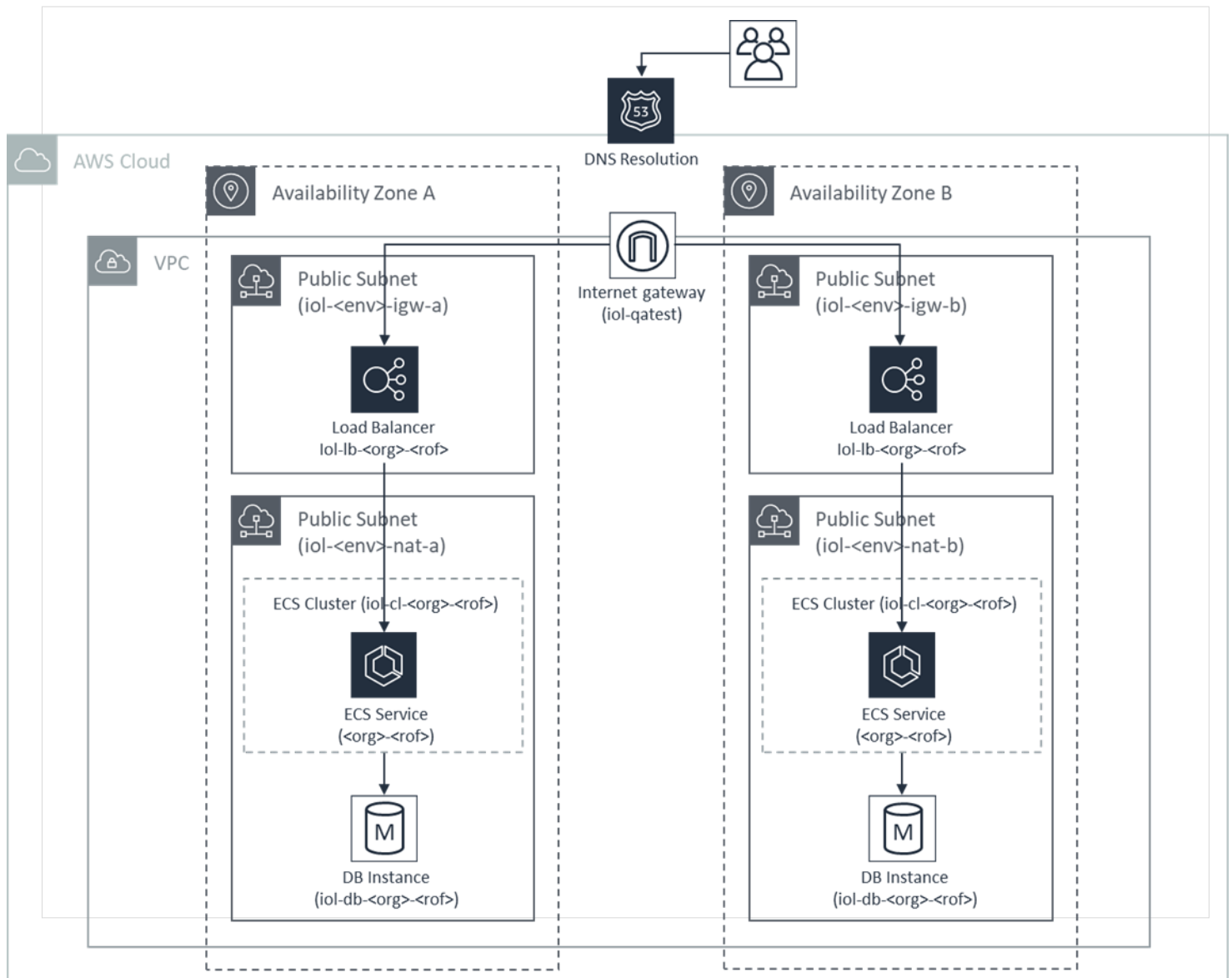
Develop Compliant Solutions

Organizations can develop and test solutions for healthcare standards compliance

- Test and validate with synthetic patient data to develop solutions that comply with federal rules for interoperability compliance
- Frictionless, cost-effective platform for application development
- Teach health informatic students in a robust environment with minimal set-up required

How it works

Develop, configure, and test SMART on FHIR applications, using application programming interfaces, within our Synthetic Healthcare Environment. Further improve applications through discovery and simulation of real world FHIR® interoperability issues and challenges.



Differentiators

- 100% User Intellectual Property Control
- Tool Accessibility (i.e. SMART on FHIR, Persona Library, External APIs, etc.)
- Shared legal and governance frameworks
- Customizable with autonomous account management
- New releases with updated features quarterly

What our customers are saying



“Using Interoperability Land’s highly realistic synthetic data, generated using machine learning methods, we iteratively tested our complex queries until they performed sufficiently to fill the information gaps. This platform, along with the efficient collaboration between MI HIMSS, Interoperability Institute and The University of Michigan, has now provided students with an effective way to test their work, all in an effort to continue to close those gaps in healthcare”

-Helen Hill, Board Director of Public Policy, MI Chapter HIMSS

Data Points

Cost-effective

Standards enabled

FHIR[®]

Pre-loaded Synthetic Data

Additional Resources

- [Interoperability Institute Website](#)
- [Customer Testimonial Video](#)
- [Contact Us](#)

Product Specifications

Product	12 Months
IOL Ring Up to 14 connected servers	\$75,000
IOL Server (1) Choose between a Payer or EHR	\$7,500
Data Pack – Synthetic Data only	\$500

Solution available in [AWS Marketplace](#)